

TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT
(Under 37 CFR 1.97(b) or 1.97(c))

Docket No.
Q169-US1

In Re Application Of: **Phuong-Nghi Lam et al.**

Serial No.

N/A

Filing Date

November 20, 2003

Examiner

N/A

Group Art Unit

N/A

Title: **IMPROVED PRIMARY BATTERY**

Address to:

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

37 CFR 1.97(b)

1. ☒ The Information Disclosure Statement submitted herewith is being filed within three months of the filing of a national application other than a continued prosecution application under 37 CFR 1.53(d); within three months of the date of entry of the national stage as set forth in 37 CFR 1.491 in an international application; before the mailing of a first Office Action on the merits, or before the mailing of a first Office Action after the filing of a request for continued examination under 37 CFR 1.114.

37 CFR 1.97(c)

2. ☐ The Information Disclosure Statement submitted herewith is being filed after the period specified in 37 CFR 1.97(b), provided that the Information Disclosure Statement is filed before the mailing date of a Final Action under 37 CFR 1.113, a Notice of Allowance under 37 CFR 1.311, or an Action that otherwise closes prosecution in the application, and is accompanied by one of:

☐ the statement specified in 37 CFR 1.97(e);

OR

☐ the fee set forth in 37 CFR 1.17(p).

TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT
(Under 37 CFR 1.97(b) or 1.97(c))

Docket No.
Q169-US1

In Re Application: **Phuong-Nghi Lam et al.**

Serial No.

N/A

Filing Date

November 20, 2003

Examiner

N/A

Group Art Unit

N/A

IMPROVED PRIMARY BATTERY

Payment of Fee

(Only complete if Applicant elects to pay the fee set forth in 37 CFR 1.17(p))

- ☐ A check in the amount of _____ is attached.
- ☒ The Director is hereby authorized to charge and credit Deposit Account No. **50-0921** as described below.
- ☐ Charge the amount of _____
- ☒ Credit any overpayment.
- ☒ Charge any additional fee required.

Certificate of Transmission by Facsimile*

I certify that this document and authorization to charge deposit account is being facsimile transmitted to the United States Patent and Trademark Office (F:

(Date)

Signature

Typed or Printed Name of Person Signing Certificate

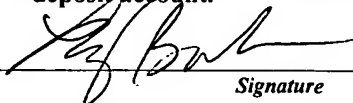
Certificate of Mailing by First Class Mail

I certify that this document and fee is being deposited on _____ with the U.S. Postal Service as first class mail under 37 C.F.R. 1.8 and is addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Signature of Person Mailing Correspondence

Typed or Printed Name of Person Mailing Certificate

***This certificate may only be used if paying by deposit account.**



Signature

Dated: **11-20-03**

M. Elizabeth Bush
Reg. No. 38,402
Quallion LLC
P.O. Box 923127
Sylmar, CA 91392-3127
818-833-2003 (ph)
818-833-2065 (fax)

CC:

INFORMATION DISCLOSURE STATEMENT BY APPLICANT				Application Number		N/A
				Filing Date		November 29, 2003
				First Named Inventor		Phuong-Nghi Lam et al.
				Art Unit		N/A
				Examiner Name		N/A
Sheet	1	of	1	Attorney Docket number		Q169-US1

US PATENT DOCUMENTS

Examiner Initials	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
	Number - Kind Code			
	US-5,569,553		10-29-1996	Smesko et al.
	US-			
	US-			

FOREIGN PATENT DOCUMENTS

Examiner Initials	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	English Abstract	Machine Translation	Entire Document
	Office	Number	Kind					
	EP	1 280 220	A1	01-29-2003	Ube Industries, Ltd.			✓

OTHER DOCUMENTS

Examiner Initials	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, cite and/or country where published
	W. XU et al., LiBOB and Its Derivatives: Weakly Coordinating Anions, and the Exceptional Conductivity of Their Nonaqueous Solutions, Electrochemical and Solid State Letters, 2001, E1-E4, 4(1).
	F. CROCE et al., A Novel Concept for the Synthesis of an Improved LiFePO ₄ Lithium Battery Cathode, Electrochemical and Solid State Letters, 2002, A47-A50, 5(3).
	K. XU et al., Lithium Bis(oxalate)borate Stabilizes Graphite Anode in Propylene Carbonate, Electrochemical and Solid State Letters, 2002, A259-A262, 5(11).
	Y. EIN-ELI, Dithiocarbonic anhydride (CS ₂)-a new additive in Li-ion battery electrolytes, Journal of Electroanalytical Chemistry, 2002, 95-99, 531.
	L. RENDEK, JR. et al., Reactivity of Metallic Lithium Toward γ-Butyrolactone, Propylene Carbonate, and Dioxalane, Journal of the Electrochemical Society, 2003, A326-A329, 150(3).
	T. FUJII et al., Application of LiBOB as an Electrolyte Salt For 4 V Class Lithium Ion Rechargeable Cells, Science & Technology Research Center, Mitsubishi Chemical Corporation, Chuo, Ami, Inashiki, Ibaraki, 300-0332, Japan, presented at 202 nd Meeting in Salt Lake City, Utah, 2002.
	K. XU et al., LiBOB as a Salt for Lithium Ion Batteries: a Possible Solution for High Temperature Operation, Solid State Letters, 2002, A26-A29, 5(1).
	W. XU et al., Ionic Conductivity and Electrochemical Properties of Lithium Orthoborate Salts, Department of Chemistry and Biochemistry, Arizona State University, Tempe, Arizona.
	T. NAKAJIMA et al., Effect of Organic Solvents and Electrolytes on Discharge Behavior, Graphitic Fluorides and Carbon-Fluorine Compounds, 2000, 89-90, CRC Press.

Examiner Signature		Date Considered	
--------------------	--	-----------------	--